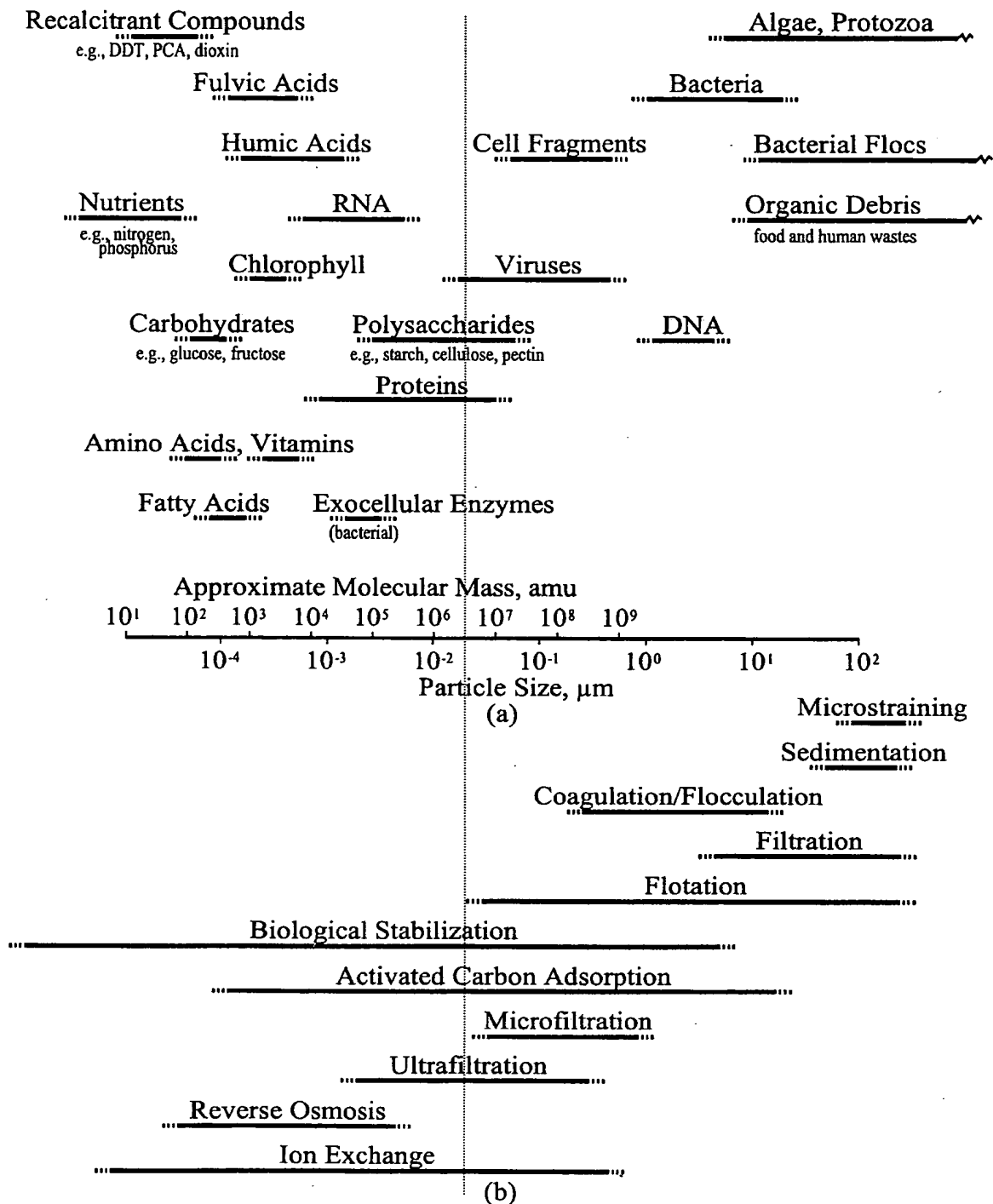
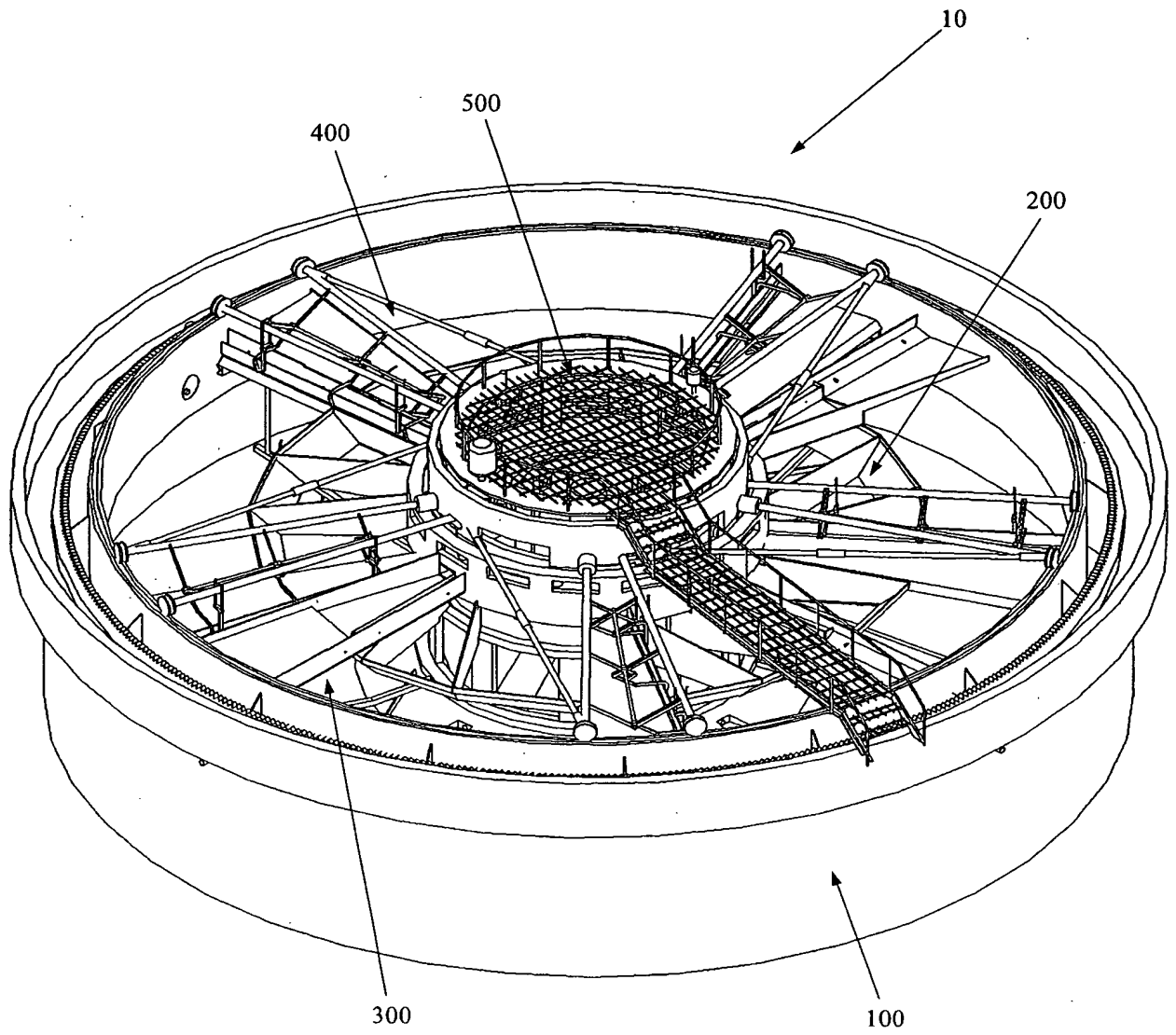


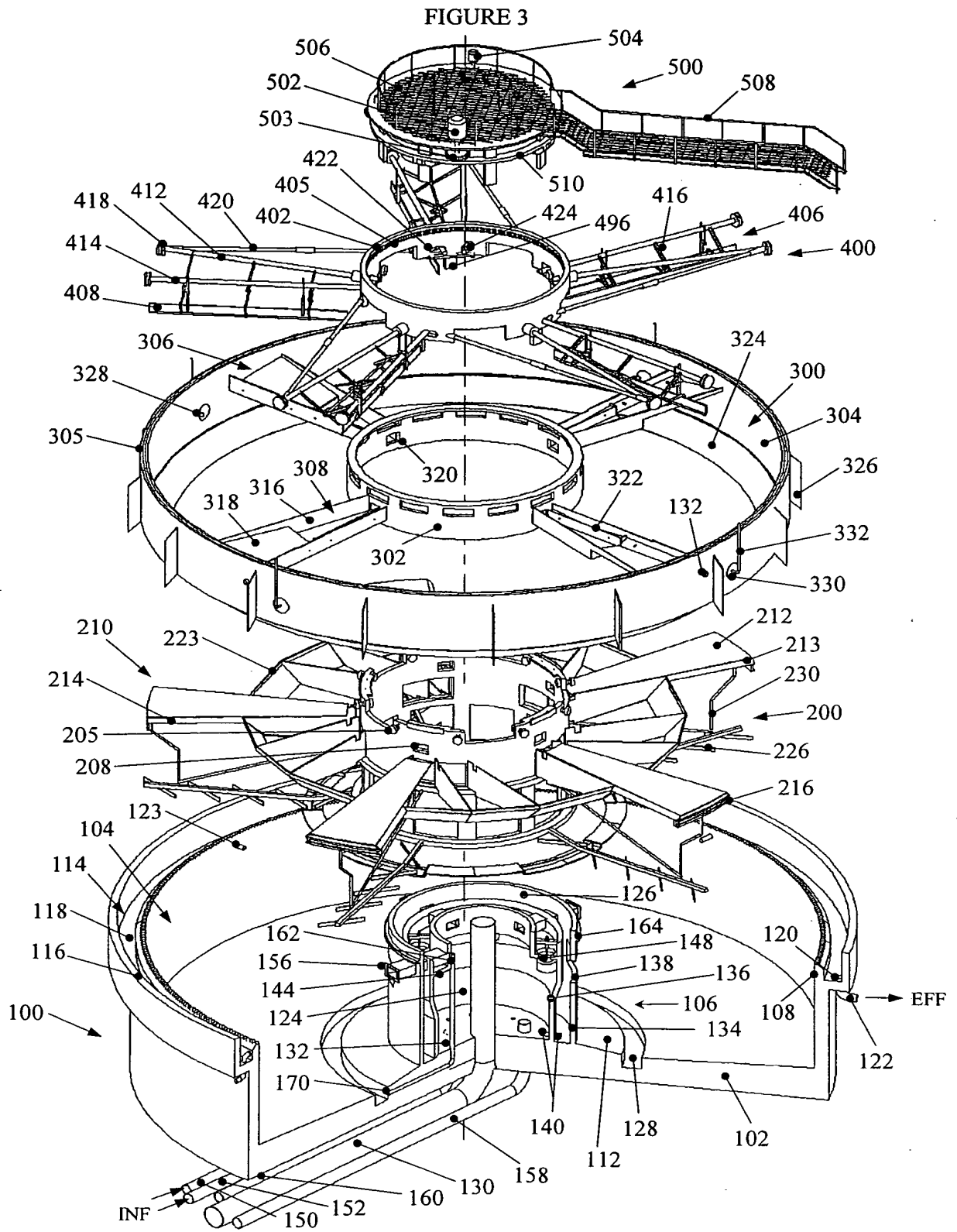
FIGURE 1



Particle size organic characterization and related treatment technologies:  
 (a) particle sizes and approximate molecular masses of wastewater organics and (b) treatment technologies.

FIGURE 2





4

FIGURE 5

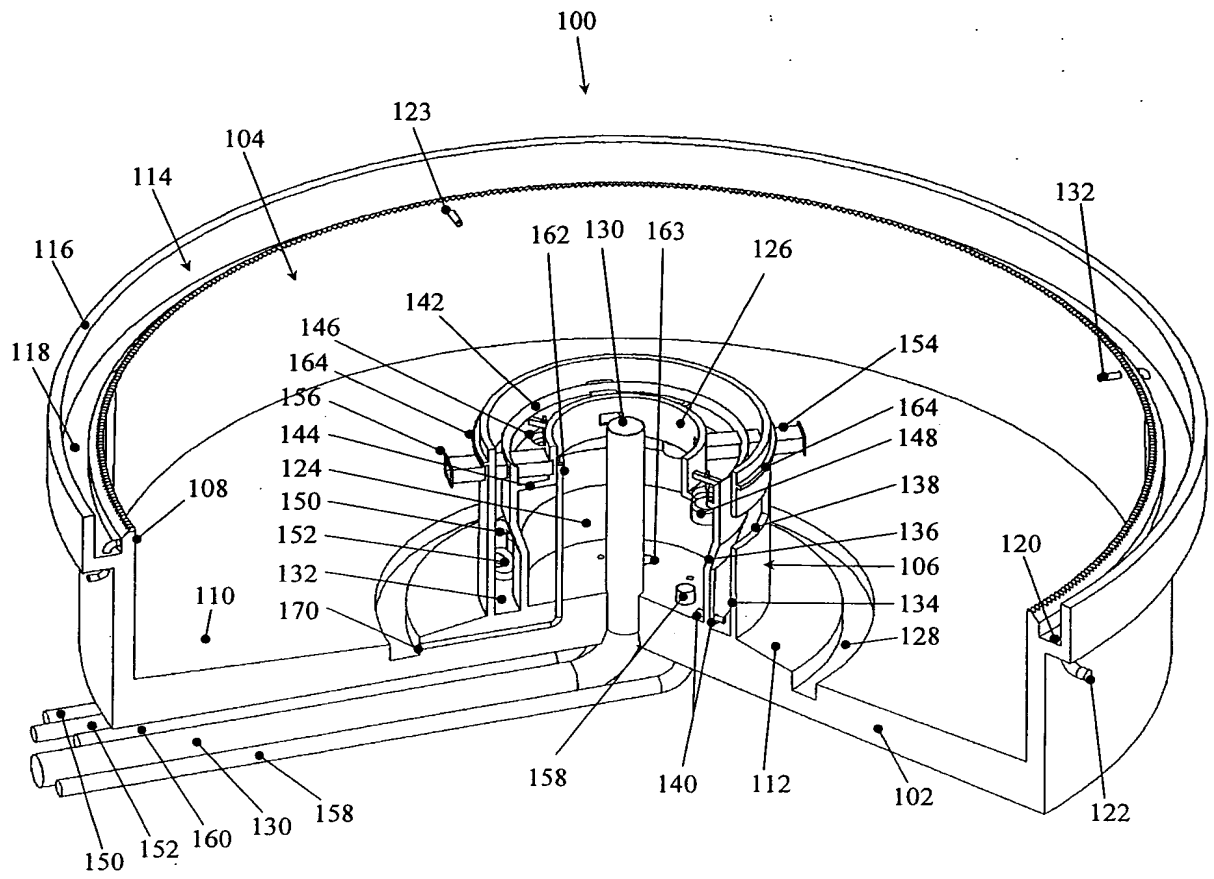


FIGURE 6

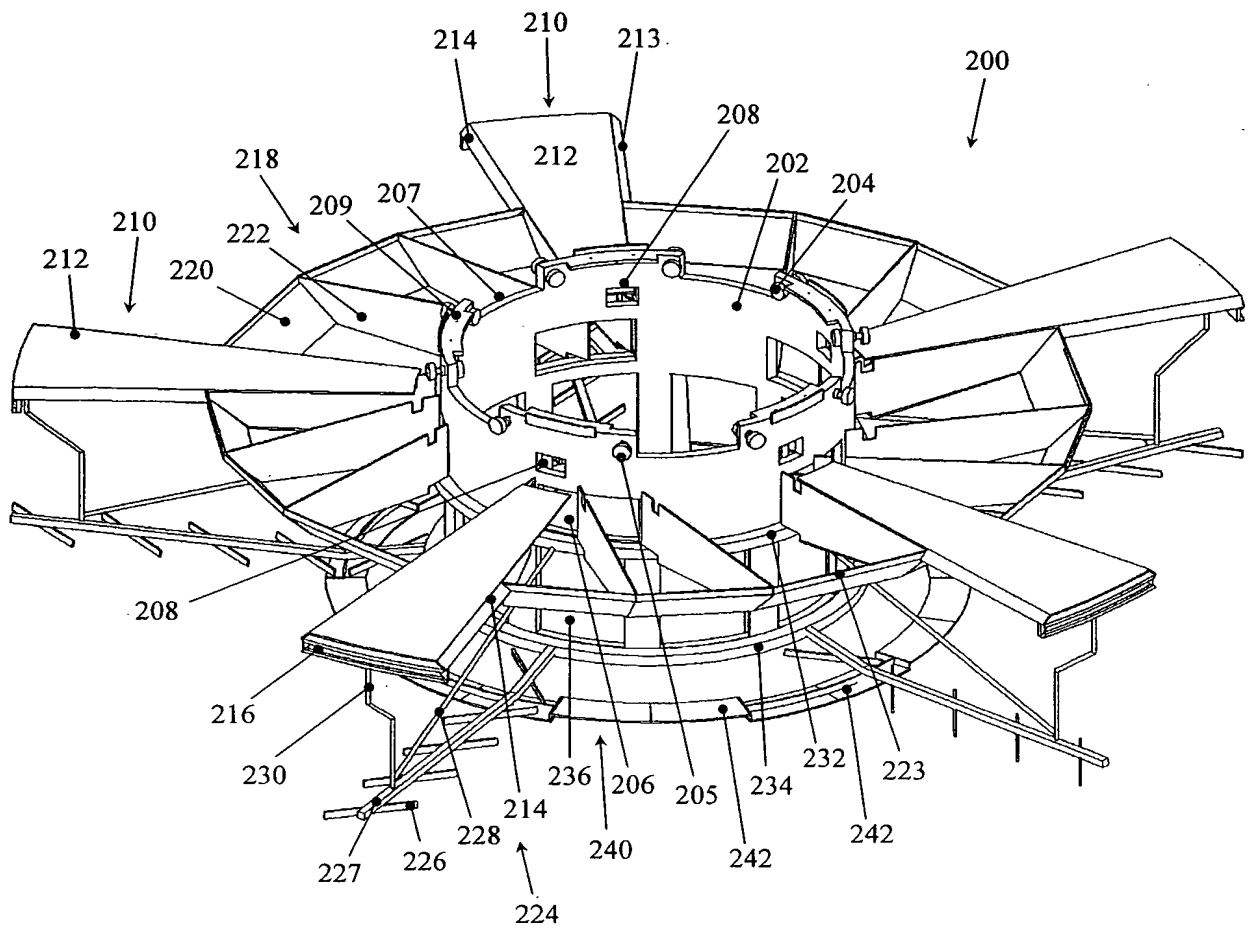


FIGURE 7(a)

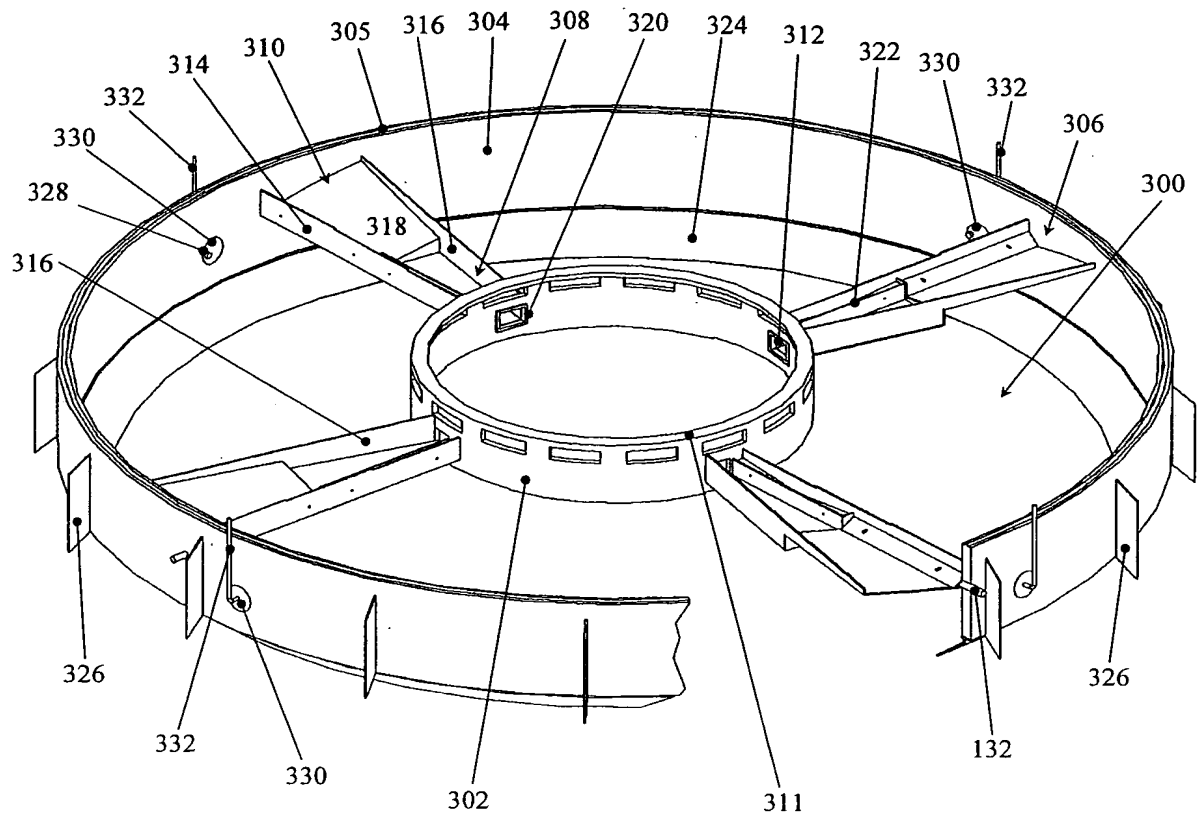


FIGURE 7(b)

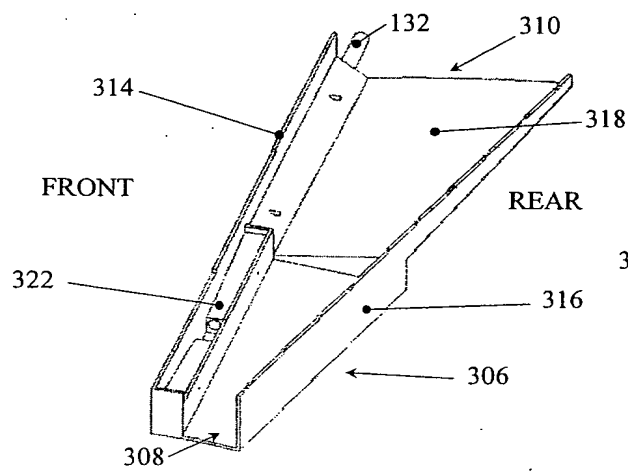


FIGURE 7(c)

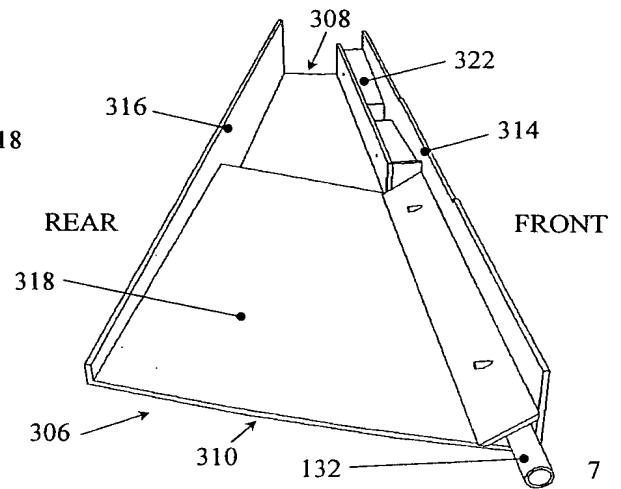


FIGURE 8(a)

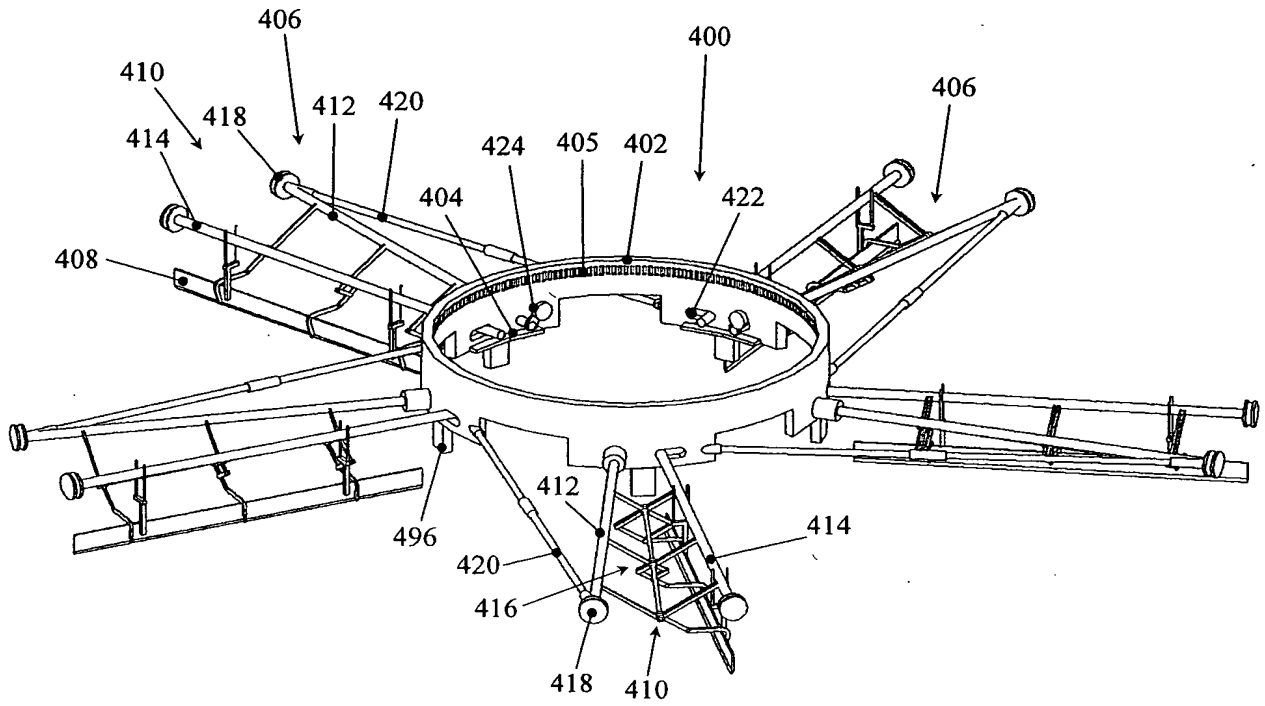




FIGURE 8(b)

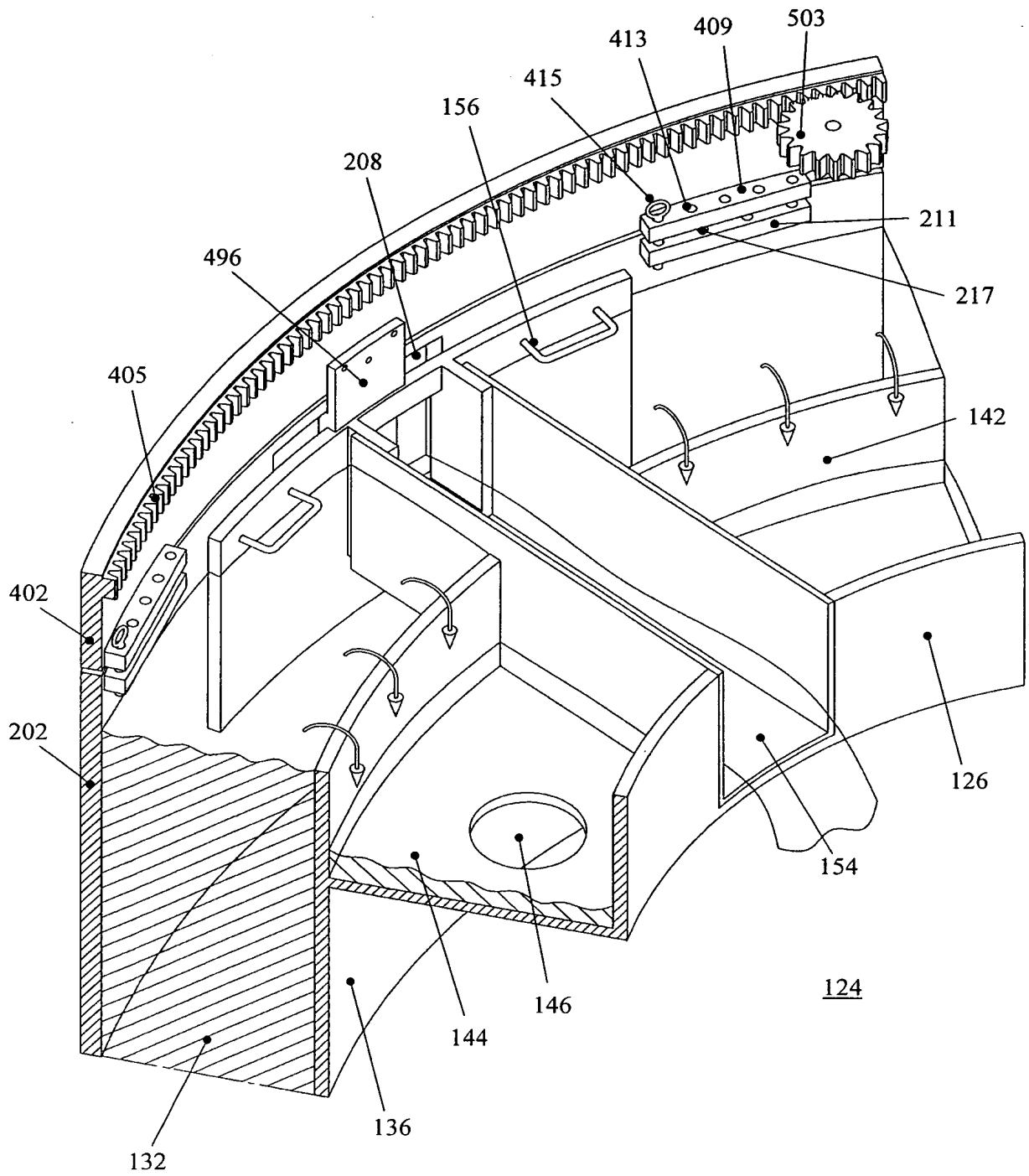
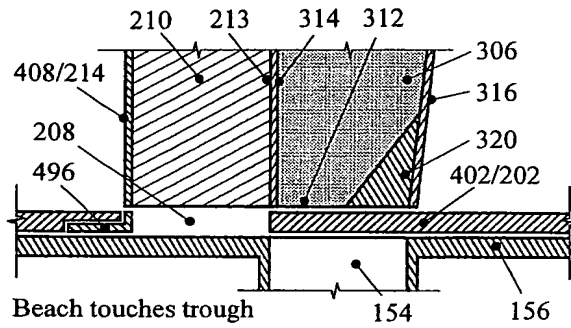


FIGURE 8(c)

FULL BITE      0°    9°    18°



HALF BITE      0°    9°    18°

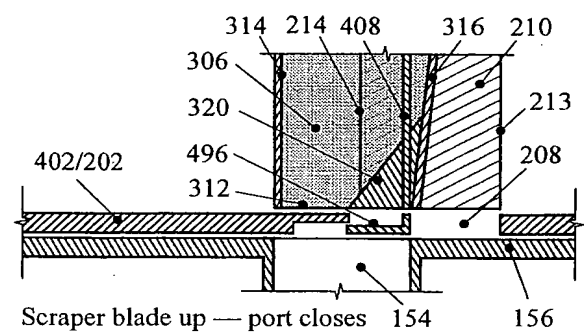
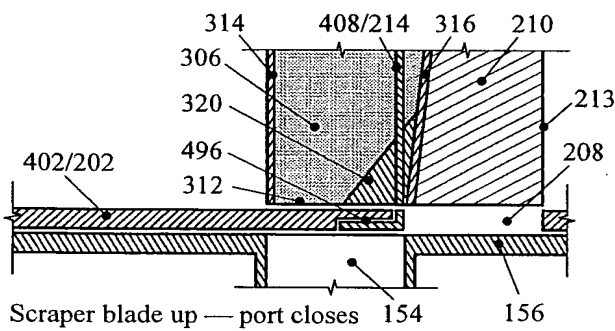
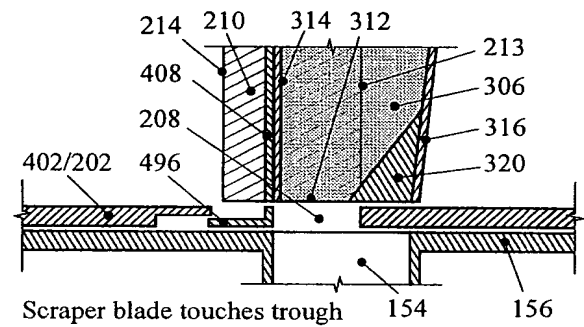
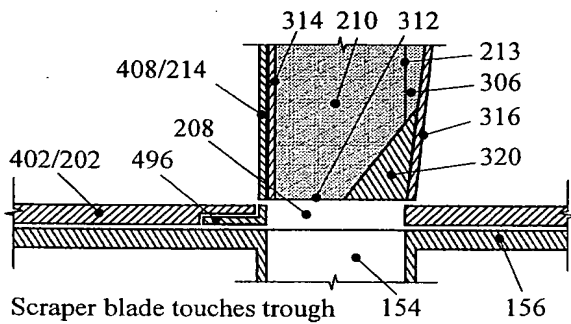
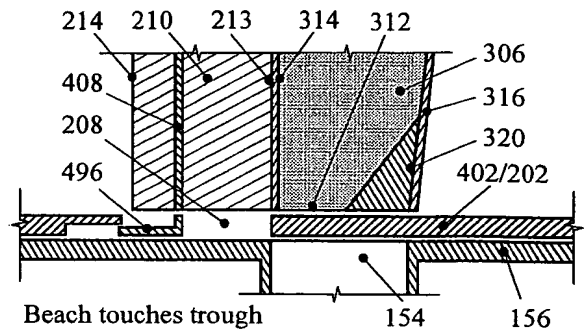


FIGURE 9

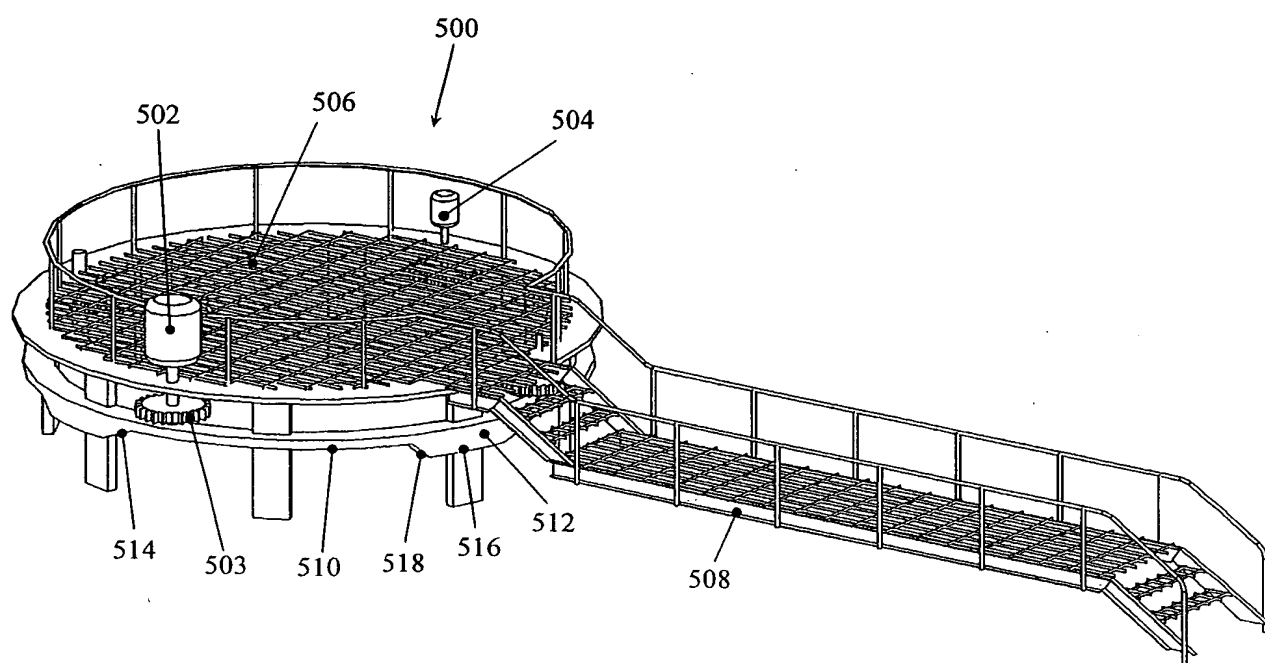


FIGURE 10

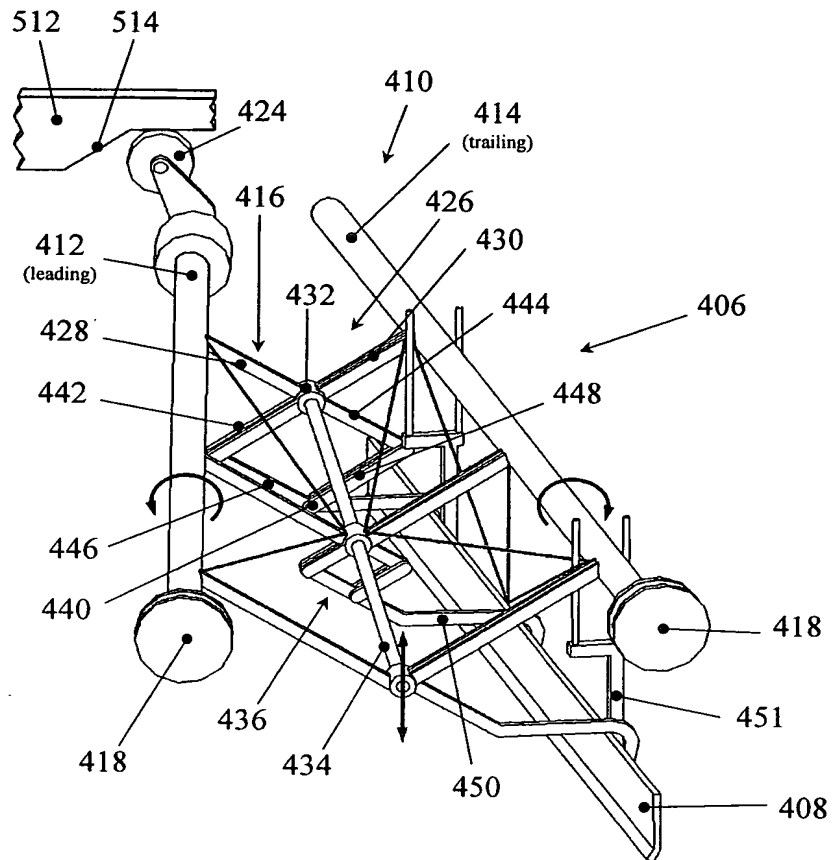


FIGURE 11

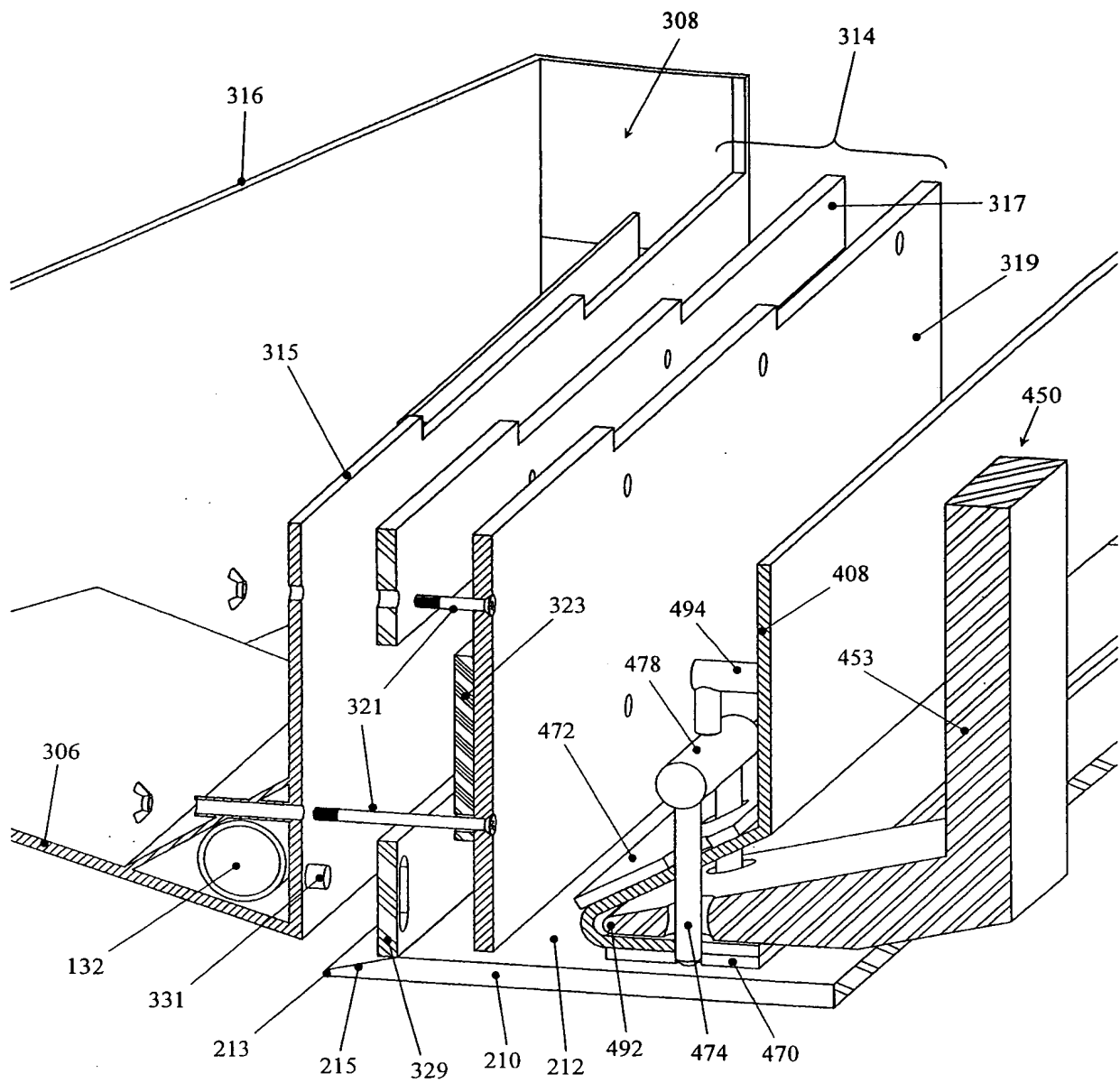


FIGURE 12

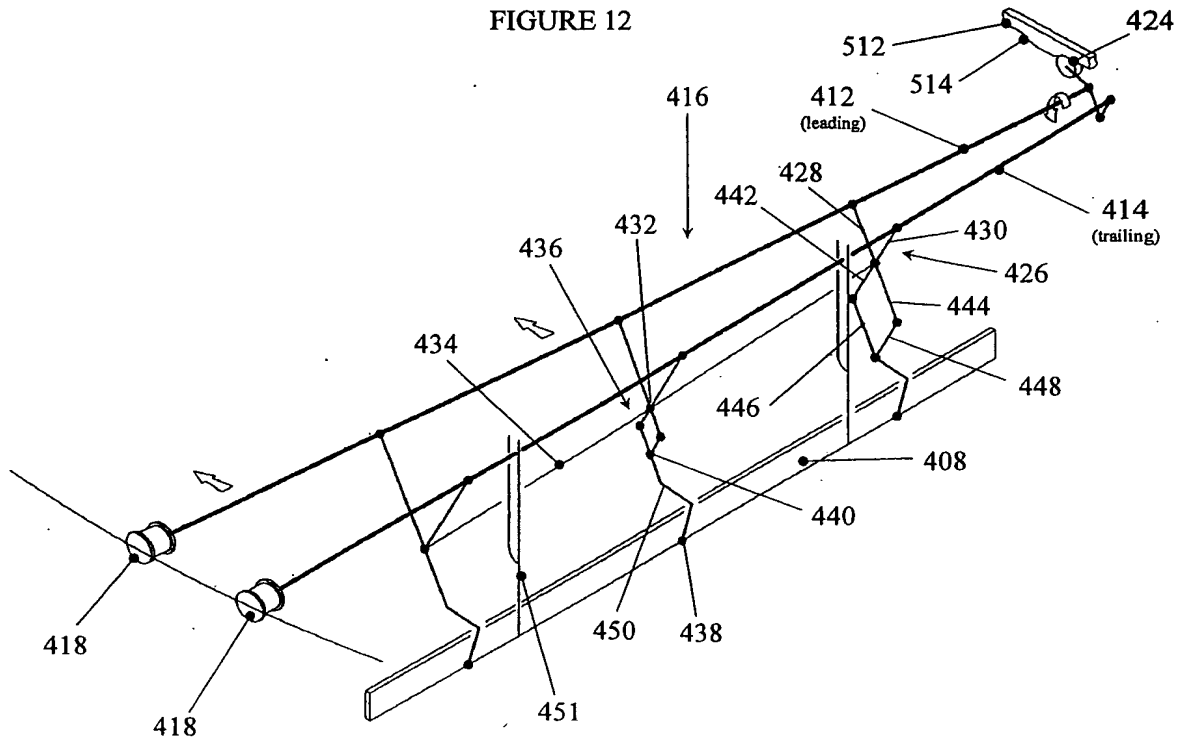


FIGURE 13

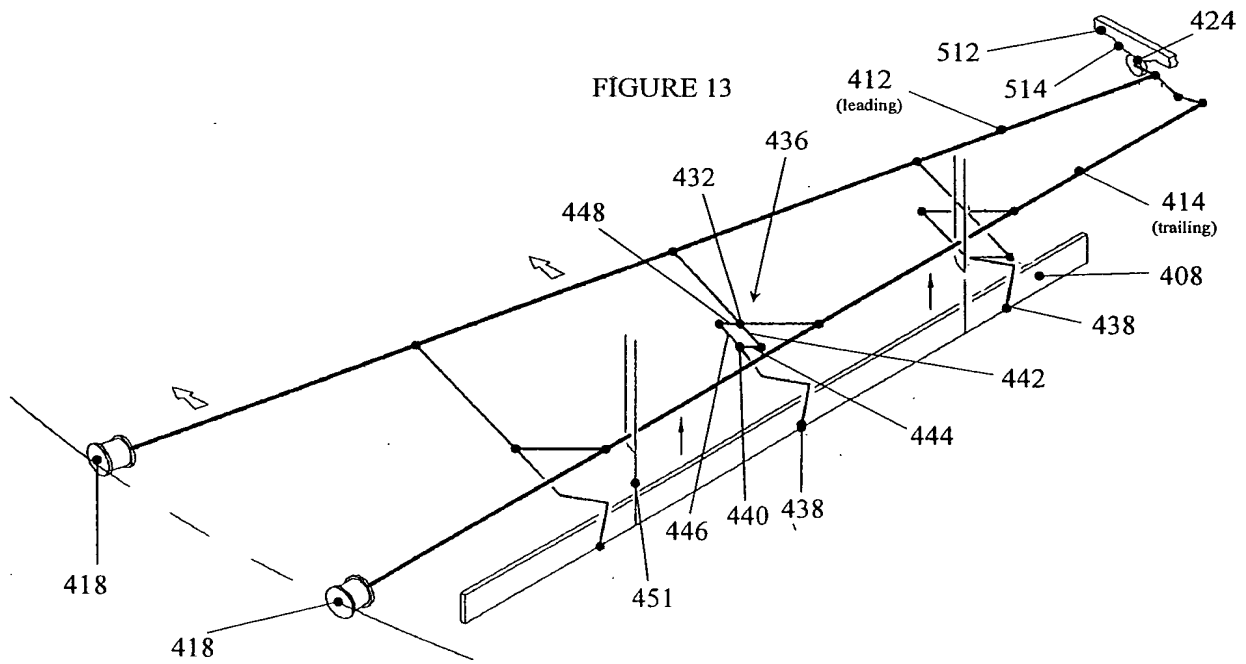


FIGURE 14(a)

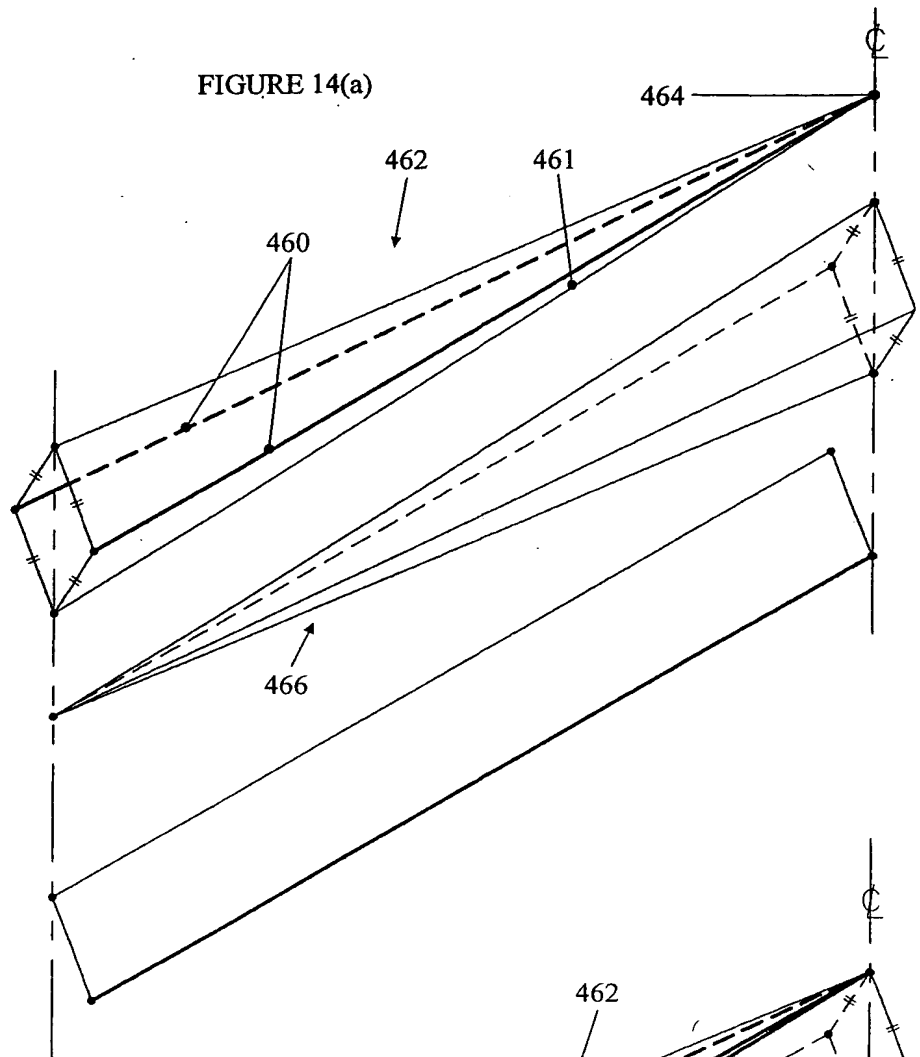


FIGURE 14(b)

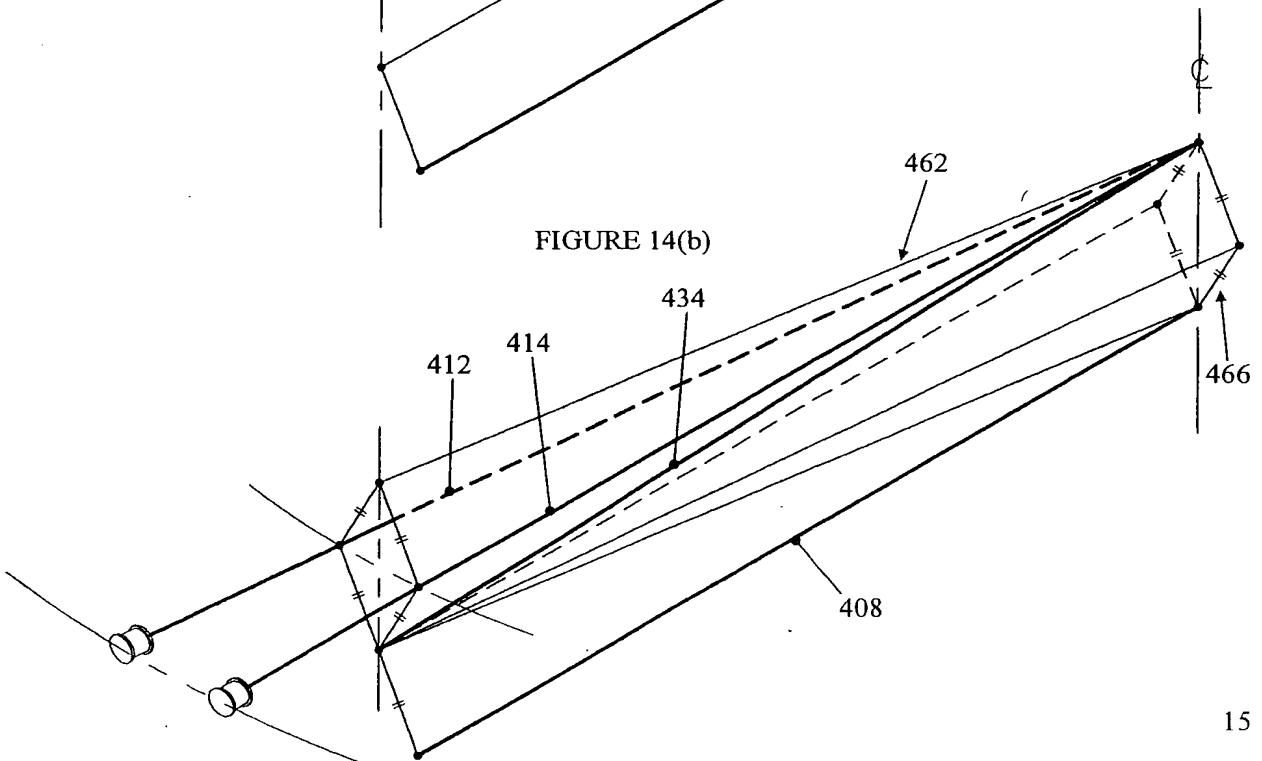


FIGURE 14(c)

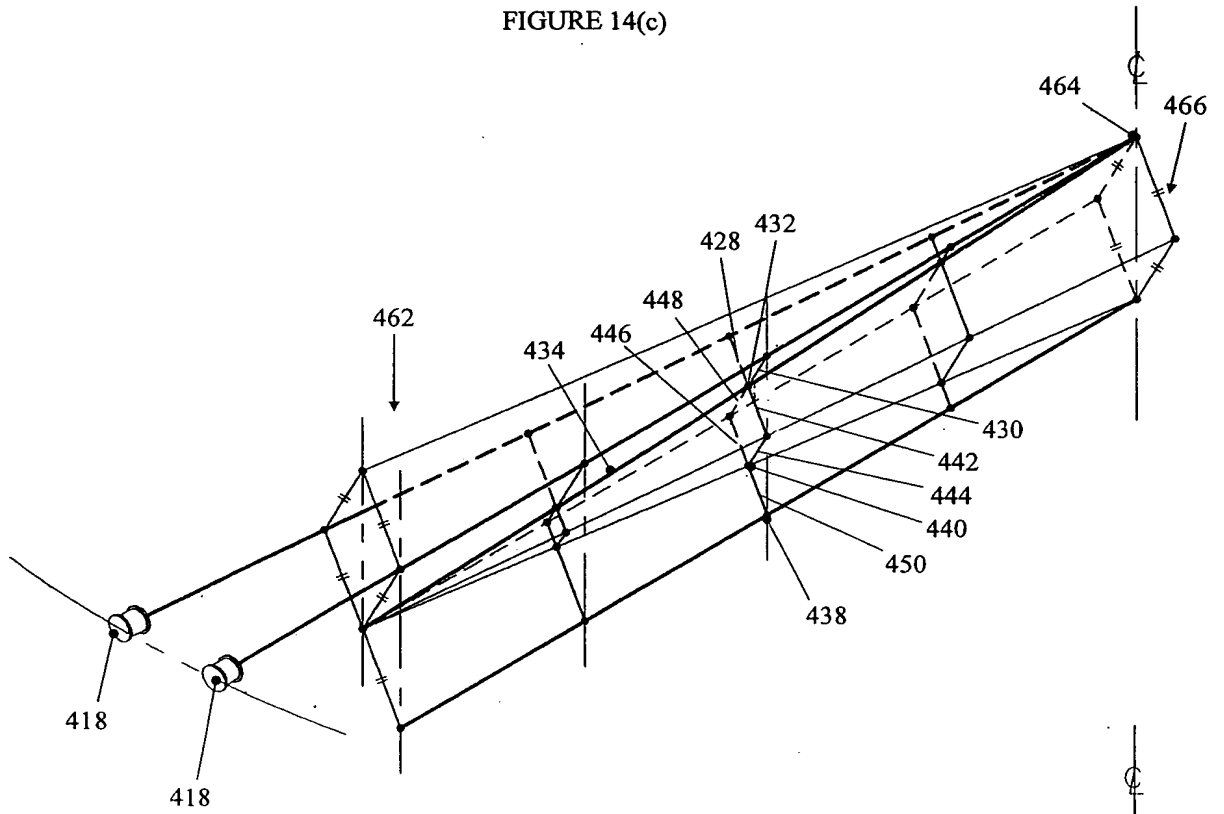


FIGURE 14(d)

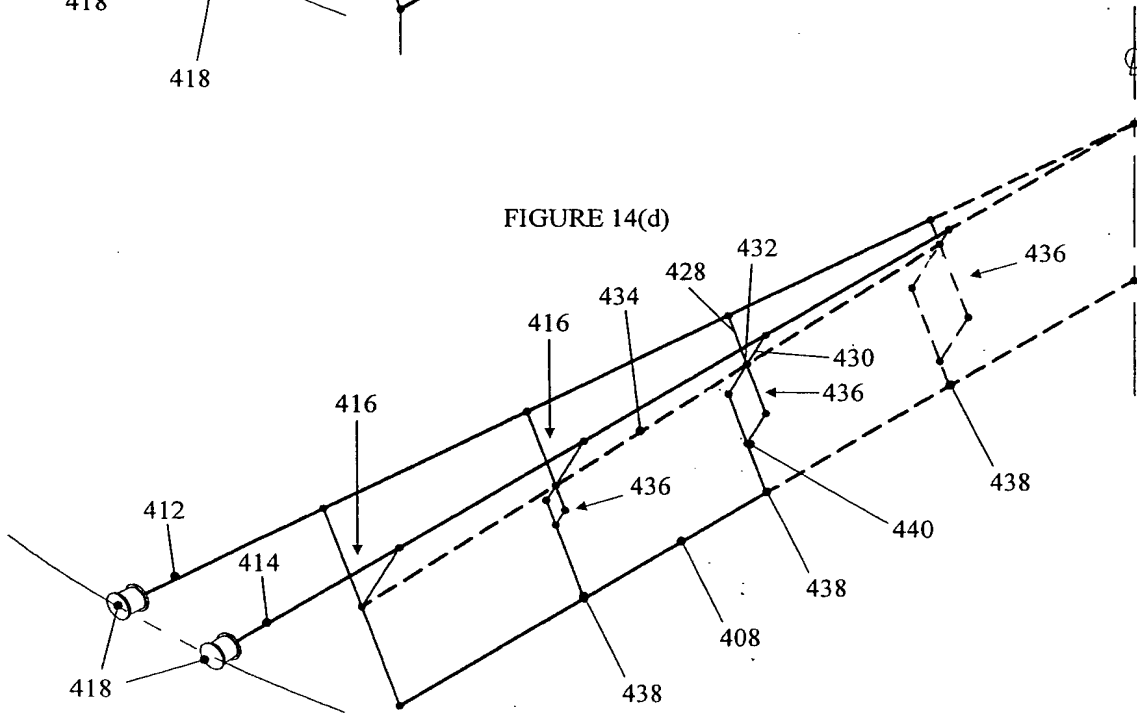




FIGURE 14(e)

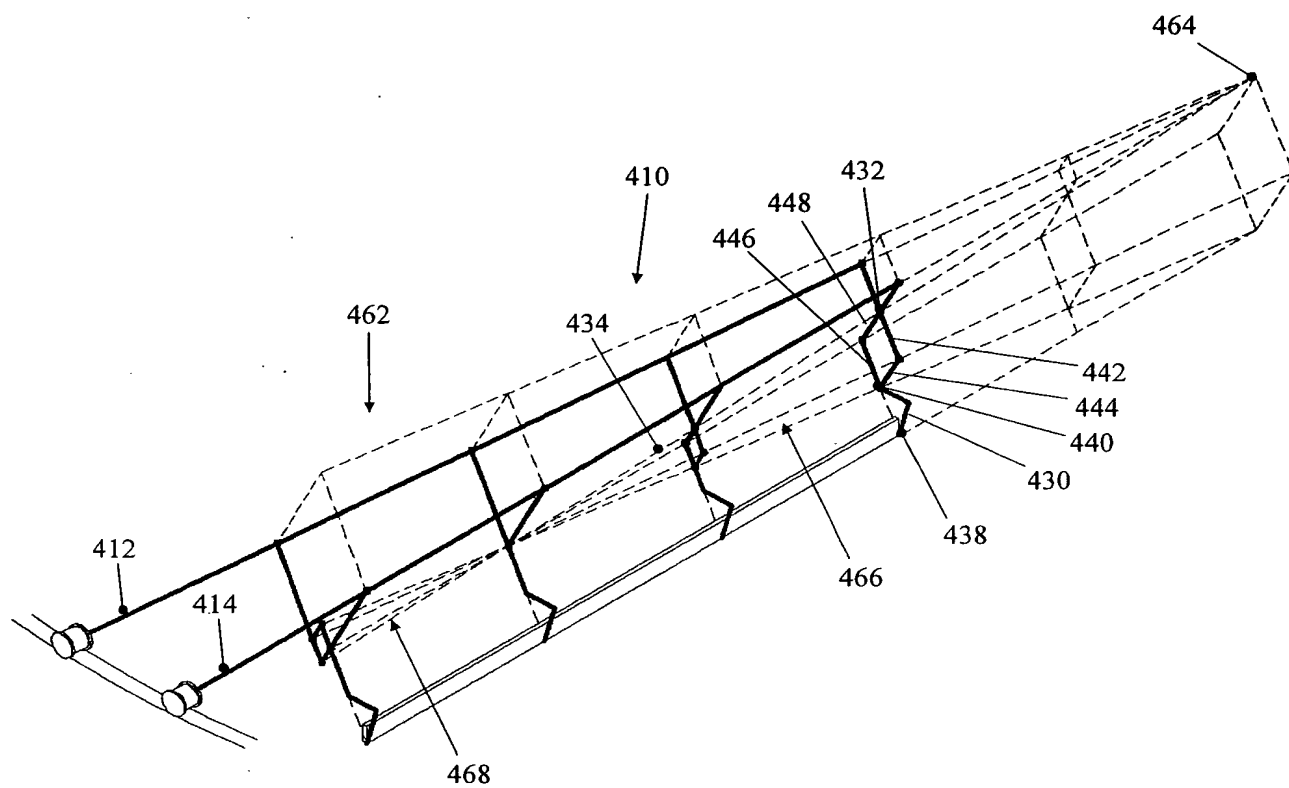


FIGURE 15

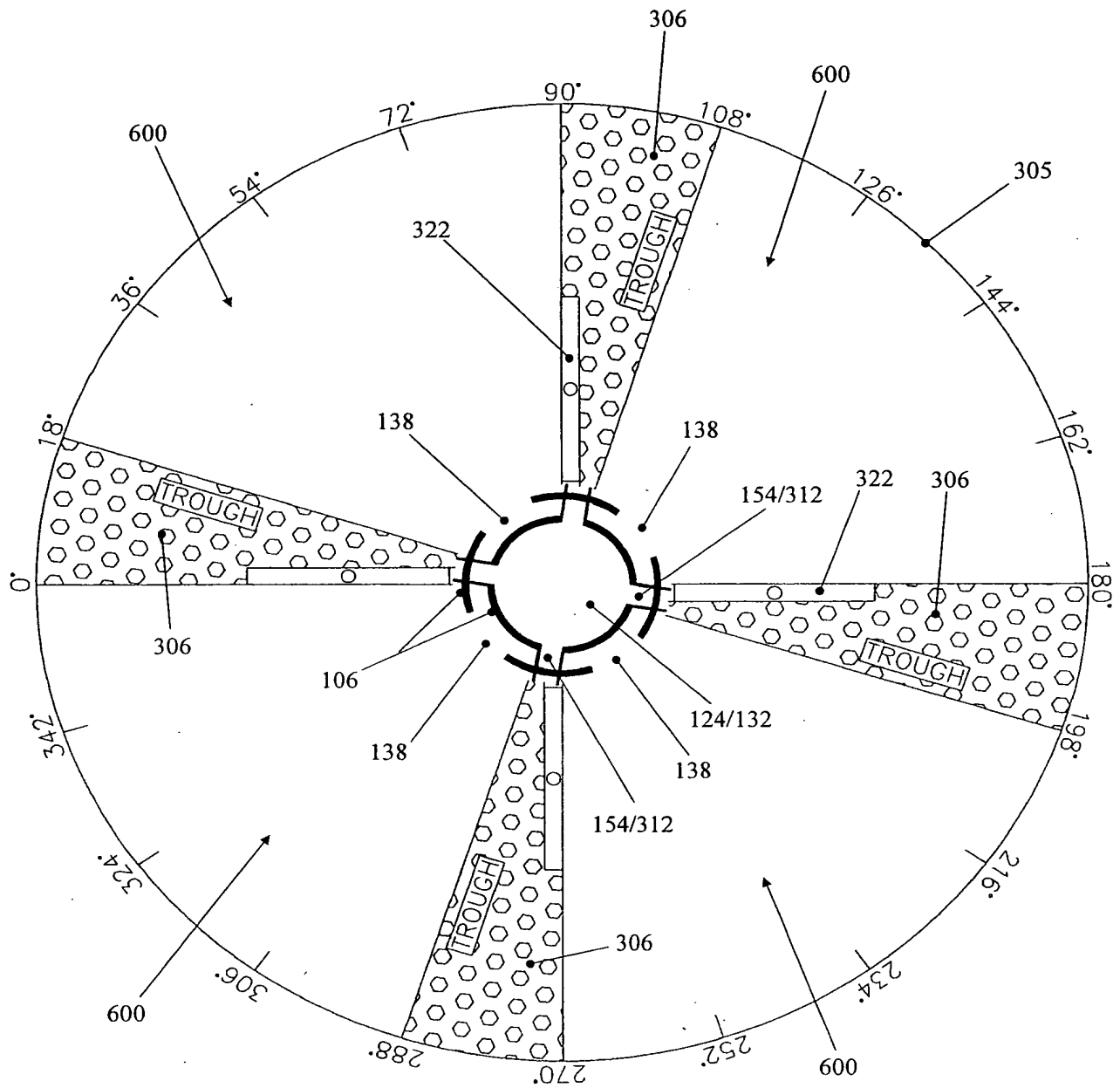




FIGURE 17

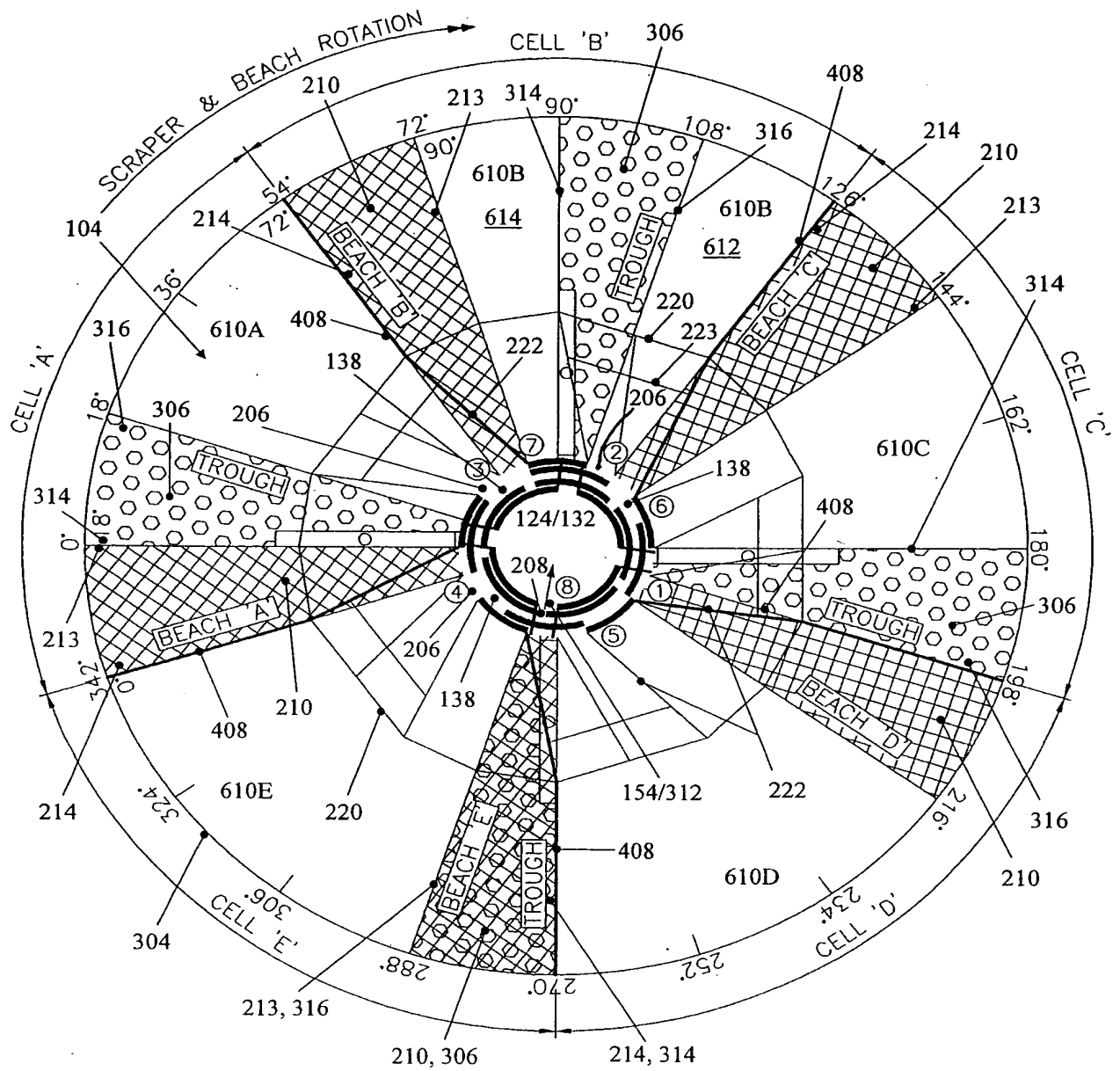


FIG. 1 is a schematic diagram of a circular rotating structure, likely a rotating biological reactor. The structure is divided into five cells (A, B, C, D, E) and five troughs. The diagram shows angular positions (e.g., 0°, 36°, 72°, 108°, 144°, 180°, 216°, 252°, 306°, 324°, 342°, 0°) and various components labeled with numbers (e.g., 124/132, 154/312, 610A, 610B, 610C, 610D, 610E, 612, 614, 206, 208, 210, 214, 220, 222, 304, 306, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360). A central hub is labeled 124/132 and 154/312. The outer ring is labeled 610A, 610B, 610C, 610D, 610E. The inner ring is labeled 612, 614. The troughs are labeled TROUGH. The cells are labeled CELL 'A', CELL 'B', CELL 'C', CELL 'D', CELL 'E'. A curved arrow indicates 'SCRAPER & BEACH ROTATION'.

FIGURE 19

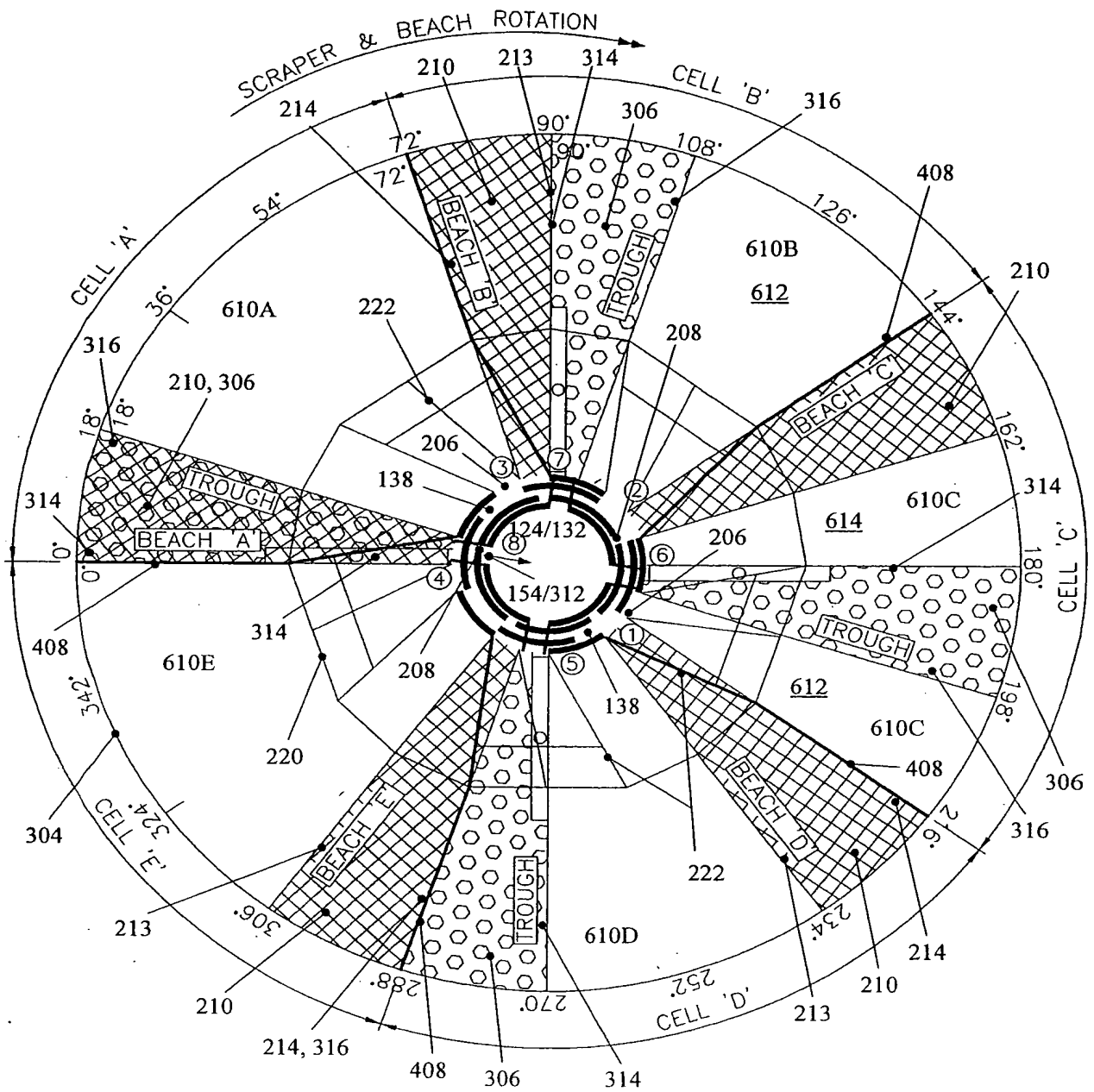


FIGURE 20

